# Air University Library Index

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# Air University Library Index to Military Periodicals

Volume 33 Number 4

Cumulative Issue

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Jackie L. Hatton, Editor

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This is a cumulative issue. It includes all indexing since the beginning of the current volume. No further reference to Issues Nos. 1-3 is necessary.

## Preface

The Air University Library Index to Military Periodicals is a subject index to significant articles, news items and editorials appearing in 76 English language military and aeronautical periodicals not indexed in readily available commercial indexing services. The Index originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations (triennial cumulative issues were published from 1952 through 1967). From 1949 to 1962 the Index was issued as Air University Periodical Index. Staff members of Air University Library index all of the periodicals with the exception of four titles which are indexed by other Air Force, Army, and Navy libraries. Air University Library Index to Military Periodicals serves primarily the educational and research programs of Air University. The Index is available to other libraries upon request.

This publication has been reviewed and approved by competent personnel of the preparing command in accordance with current directives on doctrine, policy, essentiality, propriety, and quality.

ROBERT B. LANE Director Air University Library

- AEI For Plcy & Def Rev--AEI Foreign Policy and Defense Review (6 nos. a year) \$18.00. Ameri-can Enterprise Institute for Public Policy Research, 1150 17th St NW, Washington, DC, 20036 Armor (bim) \$10.00. U.S. Armor Assoc, P.O. Box
- Aerosp Hist--Aerospace Historian (q) \$32.50. Eisenhower Hall, Kansas State University, Manhattan, KS, 66506.
- \*\*Aerosp Intl--Aerospace International (bim)
  \$28.00. Mönch Publishing Group, P.O. Box 140
  261, D 5300, Bonn 1, W.Ger.
- Air Def Mag--Air Defense Magazine (q) \$4.00. USAADS, ATTN: ATSA-TDL-S, Fort Bliss, TX, 79916.
- AF Compt--The Air Force Comptroller AFRP 170-2 (q) \$10.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Engrg & Svcs Qtr -- Air Force Engineering and Services Quarterly - AFRP 85-1 (q) \$11.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF J Log--Air Force Journal of Logistics AFRP 400-1 (q) \$10.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Law Rev--Air Force Law Review AFRP 110-1 (q) \$8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC,
- AF Mag--Air Force Magazine (m) \$15.00. Air Force Assoc, Suite 400, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.
- \*\*AF Plcy Ltr for Comdrs: Sup -- Air Force Policy Letter for Commanders:Supplement - AFRP 190-2 (ceased publication with Nov 1981 issue)
- AF Times--Air Force Times (w) \$32.50. Army Times Publishing Co, 475 School St SW, Washington, DC, 20024.
- Air Reservist AFRP 30-1 (10 nos. a year) No price given. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- DC, 20402.

  AU Rev--Air University Review, the Professional Journal of the United States Air Force AFRP 50-2 (bim) \$18.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

  \*\*\*Airlift--Airlift, Journal of the Airlift Operations School MACRP 50-1 (formerly Air
  \*\*\*Polar Trans J--Derense Transportation Journal (bim) \$18.00. National Defense Transportation Assoc, 727 N. Washington St, Suite 200, Alexandria, VA, 22314.

  \*\*\*Color Trans J--Derense Transportation Journal Assoc, 727 N. Washington St, Suite 200, Alexandria, VA, 22314.

  \*\*\*Airlift--Airlift, Journal of the Airlift Operations School MACRP 50-1 (formerly Air
  \*\*\*Polar Trans J--Derense Transportation Journal Operation Assoc, 727 N. Washington St, Suite 200, Alexandria, VA, 22314.

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  \*\*\*Airlift--Airlift Operations School MACRP 50-1 (formerly Air
  \*\*\*Airlift Operations School MACRP 50-1 (f
- Operations School MACRP 50-1 (formerly Airlift Operations Review) (q) No price given. Editor, Airlift, HQ MAC AOS/DTP, Scott AFB,
- Airman, Official Magazine of the U.S. Air Force AFRP 30-15 (m) \$23.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Am Avn Hist Soc J--American Aviation Historical Society Journal (q) \$20.00. American Aviation Historical Society, 2333 Otis St, Santa Ana,
- Armada Intl--Armada International (bim) \$70.00. Weinbergstrasse 102, P.O. Box CH-8035, Zurich, Switzerĺand.
- Armed Forces & Soc--Armed Forces and Society (q) \$20.00. Sage Publications, 275 S. Beverly Dr, Beverly Hills, CA, 90212.
- Armed Forces Compt--Armed Forces Comptroller (q) \$7.00. Armed Forces Comptroller, P.O. Box 91, Mt Vernon, VA, 22121-0091.

- Armed Forces J Intl--Armed Forces Journal International (m) \$18.00. Army and Navy Journal, Inc, 1414 22d St NW, Washington, DC, 20037.
- O, Fort Knox, KY, 40121.
- Army (m) \$16.00. Assoc of the U.S. Army, 2425 Wilson Blvd, Arlington, VA,22201.
- Army Log--Army Logistician (bim) \$15.00. Super-intendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Asian Def J--Asian Defence Journal (m) \$15.00. Syed Hussain Publication Sdn Bhd, 61-B Jalan Data Haji Eusoff, Damai Complex, P.O. Box 836, Kuala Lumpur, Malaysia
- \*\*Aviation, Space & Envmt Med--Aviation, Space, and Environmental Medicine (m) \$55.00. Aerospace Medical Assoc, Washington National Airport, Washington, DC, 20001.
- Combat Crew SACRP 127-1 (m) \$22.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Concepts, the Journal of Defense Systems Acquisition Management (q) No price given. Defense Systems Management College, Fort Belvoir, VA, 22060.
- Def & For Aff--Defense & Foreign Affairs (m) \$70.00. Copley & Associates, SA, 1777 T St NW, Washington, DC, 20009.
- Defense/82 (m) \$14.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Def Elect--Defense Electronics (m) \$24.00. EW Communications, Inc, P.O. Box 50249, Palo Alto, CA, 94303.
- Def Mgt J--Defense Management Journal (q) \$8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Def Monitor (10 nos. a year) \$10.00. Center for Defense Information, 600 Maryland Ave SW, Washington, DC, 20024.
- Def Sci 2000+--Defense Science 2000+ (6 nos. a year) \$36.00. P.O. Box 1061, Skokie, IL 60077.
- Def Trans J -- Defense Transportation Journal
- Field Artillery Assoc, P.O. Box 33027, Fort Sill, OK, 73503.
- Flying Safety (m) \$21.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Govt Exec--Government Executive (m) \$24.00. 1725 K St NW, Washington, DC, 20006.
- Hawk, the Independent Journal of the Royal Air Force Staff College (a) No price given. Royal Air Force Staff College, Bracknell, England.
- Infantry (bim) \$10.00. Editor, Infantry Magazine, Box 2005, Fort Benning, GA, 31905.
- Interavia (m) \$45.00. 86 Avenue Louis-Casai,
- 1216 Cointrin, Geneva, Switzerland.
  Intl Def Rev--International Defense Review (m)
  \$75.00. 86 Avenue Louis-Casai, 1216 Cointrin, Geneva, Switzerland.
- Intl Sec--International Security (q) \$18.00. M.I.T. Press, 28 Carleton St, Cambridge, MA,

\*Titles added since the 1981 Cumulative Issue

\*\*Titles ceased indexing since the 1981 Cumulative Issue

\*\*\*Titles changed since the 1981 Cumulative Issue

- Intl Sec Rev--International Security Review (q)
   \$14.00. American Security Council Foundation,
   Boston, VA, 22713.
- Interservice (q) \$20.00. American Logistics Assoc, 5205 Leesburg Pike, Falls Church, VA, 22041.
- Islamic Def Rev--Islamic Defence Review (q) \$35.00. Islamic Institute of Defence Technology, 16 Grosvenor Crescent, London SW1, Eng.
- \*Jt Persp--Joint Perspectives (q) No price given. Public Affairs Officer, Armed Forces Staff College, Norfolk, VA, 23511.
- \*J of Elect Def--Journal of Electronic Defense (m) \$36.00. Horizon House - Microwave Inc, 610 Washington St, Dedham, MA, 02026.
- J Pol & Mil Sociol--Journal of Political and Military Sociology (sa) \$12.00. c/o New Life Center, Northern Illinois University, DeKalb, IL, 60115.
- Log Spectrum--Logistics Spectrum (q) \$20.00. Society of Logistics Engineers, Suite 922, Park Plaza, 303 Williams Ave, Huntsville, AL, 35801.
- MAC Flyer MACRP 127-5 (m) \$17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- MarCor Gaz--Marine Corps Gazette (m) \$10.00. Marine Corps Assoc, P.O. Box 1775, Quantico, VA, 22134.
- Mil Elect/Countermeasures--Military Electronics/ Countermeasures (m) \$40.00. ME/C Circulation Service Center, 2065 Martin Ave, Ste 104, Santa Clara, CA, 95050.
- Mil Engr--Military Engineer (bim) \$36.00. Society of American Military Engineers, 607 Prince St, P.O. Box 180, Alexandria, VA, 22313-0180.
- Mil Rev--Military Review (m) \$14.00. Military Review, USACGSC, Fort Leavenworth, KS, 66027.
- \*\*Mil Sci & Tech--Military Science & Technology (6 nos. a year) \$36.00. Circulation Service Center, 2065 Martin Ave, Ste 104, Santa Clara, CA, 95050.
- \*Mil Tech--Military Technology (9 nos. a year) \$36.00. Monch Media, Inc., McLean, VA, 22101.
- NATO's Fifteen Nations (8 nos. a year) \$36.00. Jules Perel's Publishing Co, Post Box 913, 35 Matterhorn, Amstelveen, NL1186EB, Netherlands.
- Natl Def--National Defense (10 nos. a year) \$25.00. American Defense Preparedness Assoc, Rosslyn Center, Suite 900, 1700 N. Moore St, Arlington, VA, 22209.
- Natl Guard--National Guard (m) \$4.00. National Guard Assoc of the U.S., 1 Massachusetts Ave, NW, Washington, DC, 20001.
- Nav War Col Rev--Naval War College Review (q)
  No price given. Editor, Naval War College Review, Naval War College, Newport, RI, 02840.
- Navigator AFRP 50-3 (3 nos. a year) \$8.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

- Officer (m) \$8.00. Reserve Officers Assoc of the U.S., 1 Constitution Ave, NE, Washington, DC, 20002.
- \*Pac Def Rep--Pacific Defense Reporter (10 nos. a year) \$84.95. Peter Isaacson Publications Pty Ltd, 45-50 Porter St, Prahran, Vic 3181 Australia.
- Parameters, Journal of the U.S. Army War College (q) No Price given. Editor, Parameters, U.S. Army War College, Carlisle Barracks, PA, 17013
- RUSI J for Def Studies--RUSI, Journal of the Royal United Services Institute for Defence Studies (q) \$65.00. Royal United Services Institute, Whitehall, London, SWIA 2ET, Eng.
- Sea Power (m) \$10.00. HQ, Navy League of the U.S. 2300 Wilson Blvd, P.O. Box 400, Arlington, VA, 22210
- Sergeants (m) \$15.00. Air Force Sergeants Assoc, P.O. Box 31050, Temple Hills, MD, 20748.
- Signal (m) \$19.25. Armed Forces Communications and Electronics Assoc, 5641 Burke Centre Parkway, Burke, VA 22015.
- Soldiers, Official U.S.Army Magazine (m) \$31.00 Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Soviet Mil Rev--Soviet Military Review (m) \$24.00. Soviet Military Review, 2, Marshal Biryuzov St, Moscow 123298, USSR. (Available from Victor Kamkin, Inc, 12224 Parklawn Dr, Rockville, MD, 20852)
- Strat Rev--Strategic Review (q) No price given. United States Strategic Institute, 20 Memorial Dr, Cambridge, MA, 02142.
- TAC Attack TACRP 127-1 (m) \$14.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- TIG Brief--The Inspector General Brief AFRP 11-1 (biw) No price given. Editor, TIG Brief, Hq USAF/IGP, Washington, DC, 20330. Limited to AF offices.
- Translog (m) \$12.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- USAF Ftr Wpns Rev--USAF Fighter Weapons Review AFRP 50-4 (q) No price given. 57FWW/COAR, Nellis AFB, NV 89191.
- \*USAFA J of Prof Mil Ethics--USAF Academy Journal of Professional Military Ethics (sa) No price given. U.S. Air Force Academy, CO, 80840.
- USA Avn Dig--United States Army Aviation Digest (m) \$26.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- US Nav Inst Proc--United States Naval Institute Proceedings (m) \$24.00. U.S. Naval Institute, Annapolis, MD, 21402.

The following abbreviations are used to denote frequency of issue:

#### ARRANGEMENT

The subject entries are constructed on the direct entry principle. Most sponsor agency entries under U.S. have been eliminated and entry is directly under subject agency, e.g., STRATEGIC AIR COMMAND, not U.S. AIR FORCE. STRATEGIC AIR COMMAND. Specific military services of various countries are entered under their name, followed by the name of their country, e.g., AIR FORCE--Great Britain; ARMY--United States.

Material on United States military aircraft by name has been entered under the headings HELICOPTER TYPE and MISSILE TYPE. United States space vehicles by name have been entered under the heading SPACE PROJECT. Material on United States and foreign military aircraft by name has been entered under the heading AIRPLANE TYPE.

AERONAUTICS here embraces the technical and technological aspects of aviation and aircraft; AVIATION the art of flying, both military and civilian; and AIRLINES the commercial transportation companies; FLYING popular, nontechnical articles on the pleasures of flying.

Government departments are listed alphabetically by department title, e.g., DEFENSE DEPT--United States,  $\underline{\text{not}}$  DEPARTMENT OF DEFENSE.

Author entries are included for admirals, generals, Dept of Defense officials, and others who are prominent in some field of  $\underline{\text{Index}}$  interest.

An organization's abbreviation, if it is a national term, is used not only as a cross reference (e.g., NATO see NORTH ATLANTIC TREATY ORGANIZATION) but also as geographic subdivision (e.g., DEFENSES--NATO). Abbreviations and acronyms are listed at the beginning of their alphabetical section. However, the artificial words LASERS and LORAN are accepted as normal words and are so listed alphabetically.

Reviews of books are grouped under BOOK REVIEWS: military poetry is listed under POEMS.

## KEY TO ABBREVIATIONS

+ (after paging)  Apr Aug bibliog biog chart Dec Feb illus Jan Jul	continuation of article not paged consecutively April August bibliography biography organizational chart December February illustration(s) January July	Jun Mar Nov No. obit Oct por Sep sup tab trans vol	June March November number obituary October portrait(s) September supplement table(s) translated volume
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#### EXPLANATION

Sample entry:

## ALLIED FORCES, CENTRAL EUROPE

The central region air battle. Gen Charles A.Gabriel. illus por NATO's Fifteen Nations Special Issue No.2:26-29+ '81

Explanation:

Under the subject ALLIED FORCES, CENTRAL EUROPE an article entitled "The central region air battle" by Gen Charles A. Gabriel, with illustrations and a portrait, appears in the magazine NATO's Fifteen Nations, on pages 26 through 29 (plus a continuation of the article not paged consecutively), Special Issue No. 2, 1981.

## Δ

A A B N C P see Advanced Airborne Command Post

A C E U R see Allied Command Europe

A C L A N T see Allied Command Atlantic

<u>A E C P see</u> Airman Education and Commissioning Program

A F A A see Air Force Audit Agency

A F C E N T see Allied Forces, Central Europe

 $\frac{A\ F\ I\ S\ C\ see}{Center}$  Air Force Inspection and Safety

A F I T see Air Force Institute of Technology

A F M P C see Air Force Manpower and Personnel Center

A F O S I see Office of Special Investigations

A F R E S see Headquarters Air Force Reserve

A F R O T C see Reserve Officers Training Corps--Air Force

A F S A T C O M see Air Force Satellite Communications System

A F T A C see Air Force Technical Applications

 $\frac{A\ F\ T\ E\ C\ see}{Center}$  Air Force Test and Evaluation

#### A N Z U S TREATY

ANZUS: The politics of an alliance. P.Lewis Young. map Asian Def J No.12:66-67+ Dec '82

Admiral (Anthony) Synnot on vital defence issues. Interview. Denis Warner. Pac Def Rep 8:22-24+ May '82

The balance of forces in the East Asian-Pacific region. Wilhelm G.Grewe. illus NATO's Fifteen Nations 27:18-22+ Jun-Jul'82

Does ANZUS really matter to the U.S.? Dora Alves. Pac Def Rep 9:38+ Jul '82

The importance of ANZUS. Henry S.Albinski. (Adapted from An American Policy for Asia: The 1980s and Beyond, edited by R.H. Myers, 1982) illus Pac Def Rep 8:33+ Dec '81/Jan '82

New Zealand's defence: Frogress and problems. J.H.Beaglehole. illus Pac Def Rep 8:232-233 Dec '81/Jan '82

A O C see Association of Old Crows

A P C see Armored Vehicles

A P R see Airman Performance Reports

 $\frac{A\ R\ T\ E\ P\ see}{Program}$  Army Training and Evaluation

A S E A N see Association of Southeast Asian

A S W see Antisubmarine Warfare

A U S A see Association of the U.S. Army

A U T O D I N see Automatic Digital Network

A U T O V O N see Automatic Voice Network

A V R A D C O M see Army Aviation Research and Development Command

A W A C S see Airborne Warning and Control System

ABORTIONS see Pregnancy

ABRAHAMSON, James A.

LtGen James A.Abrahamson: "The shuttle is the key to reducing space costs." LtGen Eugene F.Tighe, Ret. illus por Mil/Elect Countermeasures 8:62-64 Dec '82

ABSENT WITHOUT LEAVE see Crimes and Misde-

#### ACCELERATION

Acceleration-induced atrioventricular dissociation: Hemodynamic consequences. James E. Whinnery. tab illus Aviation, Space & Envmt Med 53:432-434 May '82

An analysis of the risk of human cardiac damage during  $+G_Z$  stress: A review. M.Harold Laughlin. illus Aviation, Space & Envmt Med 53:423-431 May '82

Cardiorespiratory assessment of 24-hour crash-diet effects on altitude, +Gz, and fatigue tolerances. Michael T.Lategola and others. tabs Aviation, Space & Envmt Med 53:201-209 Mar '82

G-tolerance enhancement: Straining ability comparison of aircrewmen, nonaircrewmen, and trained centrifuge subjects. James E. Whinnery. tab Aviation, Space & Envmt Med 53:232-234 Mar '82

Human endocrine responses to acceleration stress. F.John Mills and Vincent Marks. tabs Aviation, Space & Envmt Med 53:537-540 Jun '82

#### ACCIDENT PREVENTION

Safety Programs

The AWTH (Accident Waiting To Happen) factor. Capt James C.White. illus MAC Flyer 29:4-7 May '82

Air refueling--no surprises please. CMSgt Jerry J.Ammons. illus Flying Safety 38: 14-15 Feb '82

Commanders: The FOD (Foreign Object Damage) prevention program needs your MDRs (Materiel Deficiency Report). TIG Brief 34:20

"The eyes have it." Capt Michael W.Cole. Combat Crew 32:14-15+ Aug '82

Flyers anonymous. Regular feature in issues of  $\underline{\text{MAC}}$   $\underline{\text{Flyer}}$ 

## ACCIDENT PREVENTION - Continued

- Hydraulic fluid conversion. TIG Brief 34: 15-16 Jan 8 '82
- Mishaps: Lessons learned or not? TIG Brief 34:21 Apr 16 '82
- 1982: The year of the Air Force professional. LtGen Howard W.Leaf. TIG Brief 34:2 Mar 19 '82
- Quick stoppers. Regular feature in issues of <u>MAC Flyer</u>
- "RAPS"--Regional Accident Prevention Survey Program. Timothy Flynn. illus USA Avn Dig 28:28-29 May '82
- See and be seen (near midair collisions). SMSgt Marshall E.Holman. tabs Combat Crew 32:6-7+ May '82
- Touch and go (landing). Capt Neal D.Coyle. illus Combat Crew 32:8-9 Jan '82
- Wire strikes--the OH-58 strikes back. Jerry J.Morris and LtCol Donald E.S.Merritt. tabs illus USA Avn Dig 27:24-27 Dec '81
- Wire strikes--we're not alone. illus USA Avn Dig 27:20-23 Dec '81

#### ACCIDENTS

#### Causes

Protecting your eyes. TIG Brief 34:19 Apr 30 '82

## Investigations

- Mishap board investigation formal reports: Tips on Tab T. TIG Brief 34:17 Sep 27 '82
- Mishap factor reporting. TIG Brief 34:15-16 Mar 5 '82
- New changes to AFR 127-4 (Investigating and Reporting U.S. Air Force Mishaps). TIG Brief 34:21 Feb 5 '82
- Post-crash management. TIG Brief 34:22 Sep 13 '82
- Waiver of formal mishap report requirements. TIG Brief 34:19 Jun 25 '82

#### Study and Teaching

Investigation courses offered. TIG Brief 34:17 Jul 23 '82

#### <u>Statistics</u>

Slips, trips, and falls. TIG Brief 34:17 Mar 19 '82

## ACCIDENTS, AIR

- Crash in Tennessee kills nine; other accidents take two lives. AF Times 43:4 Sep 13 '82
- Emotional reactions to military aircraft accidents. David R.Jones. Aviation, Space & Envmt Med 53:595-598 Jun '82

## ACCIDENTS, AIR - Continued

- (580) A-10s (to the Air Force, Air Force Reserve, and Air National Guard). Maj James H.Ground. illus tabs Flying Safety 38:6-9 May '82
- Hepato-splenic injury in aircraft accidents. I.R.Hill. tabs Aviation, Space & Envmt Med 53:19-23 Jan '82
- Improving the crashworthiness of general aviation aircraft by crash injury investigations. William R.Kirkham. illus Aviation, Space & Envmt Med 53:319-325 Apr '82
- Is the guy in your mirror an enemy? Maj Terrell J.Osborn. illus Flying Safety 38:8-13 Jul '82
- On hitting things. Maj John E.Richardson. illus Flying Safety 38:6-8 Jan '82
- Pilot error, human error. SSgt William C. Hawkins. illus USA Avn Dig 28:40-43 Sep '82
- Professionalism and the FY 82 aircraft accident record. Col Joseph R.Koehler. tab illus USA Avn Dig 28:14-17 Nov '82
- Sarcoidosis in aircrew. A.J.C.Balfour. tabs Aviation, Space & Envmt Med 53:269-272 Mar '82
- See and be seen (near midair collisions). SMSgt Marshall E.Holman. tabs Combat Crew 32:6-7+ May '82
- Thunderbirds to remain together despite crash. Leonard Famiglietti. illus AF Times 42:3 Feb 1 '82

### <u>Causes</u>

#### See also Pilot Error

- (Army aircraft mishaps)--telling it like it is. USA Avn Dig 28:16-19 Jan '82
- Bird avoidance model. Capt Jeffrey J.Short. illus tab maps Flying Safety 38:12-15 Jun '82
- Black September (nine operations-related mishaps). Maj John E.Richardson. illus Flying Safety 38:2-3 Sep '82
- Boom-boom-bash (another BDA (Boom Damage Assessment) report). Maj Arthur P.Meikel. illus tab Flying Safety 38:12-13 Feb '82
- Check your oxygen. K.E.Underwood Ground. illus Aviation, Space & Envmt Med 53:24-26 Jan '82
- FOD update. Maj Brian D.Hudson. illus tabs Flying Safety 38:10-11 Sep '82
- (580) A-10s (to the Air Force, Air Force Reserve, and Air National Guard). Maj James H.Ground. illus tabs Flying Safety 38:6-9 May '82
- Flying in the wake. tab MAC Flyer 29:8-9 Aug '82
- Get-there-itis. illus tab Flying Safety 38:
  13-15 Oct '82

## ACCIDENTS, AIR - Continued

#### Causes - Cont'd

- Hazards of low level flying. Col Grant B.Mc-Naughton. illus Flying Safety pt 1, 37: 8-9 Nov '81; pt 2, 37:12-15 Dec '81; pt 3, 38:9-11 Feb '82; pt 4, 38:18-20 Mar '82; pt 5, 38:14-16 May '82
- The laser horizon. Maj Timothy J.Shaw. illus Flying Safety 38:22-23 Sep '82
- Lightning strike. Capt Robert N.Hess. Combat Crew 32:6-7 Mar '82
- Mishaps with a moral. Regular feature in some issues of MAC Flyer
- On fusion confusion. Capt Clifford M.Wippel. illus Combat Crew 32:4-5+ Jun '82
- Priorities: When pressures mount, what becomes important? illus TAC Attack 22:4-5 Mar '82
- Quick stoppers. Regular feature in issues of MAC Flyer
- Temporal distortions and the ejection decision. LtCol Douglas M.Carson. Flying Safety 38:8-10+ Mar '82
- Then and now. Maj John E.Richardson. illus tab Flying Safety 38:6-9+ Sep '82
- Thunderbird accident cause -- stabilizerrelated, not pilot. illus AF Times 42:23 Apr 12 '82
- When will we learn about mountain flying? Raymond P.Johnson. illus USA Avn Dig 28: 16-19 Jul '82
- A wild ride (F-4 mishap). Benjamin S.Lambeth. illus Flying Safety 38:12-16 Sep '82
- Wire strikes--the OH-58 strikes back. Jerry J.Morris and LtCol Donald E.S.Merritt. tabs illus USA Avn Dig 27:24-27 Dec '81

#### Investigations

- Aircraft lightning strikes--an unavoidable phenomena? Maj James E.Ellis. illus tabs Flying Safety 38:16-18 Jan '82
- Analysis of dental materials as an aid to identification in aircraft accidents. G.S.Wilson and D.W.Cruickshanks-Boyd. illus ACCIDENTS, GROUND (AIRCRAFT) tabs Aviation, Space & Envmt Med 53:326-331 Apr '82
- Forensic dentistry. William M.Morlang. illus tabs Aviation, Space & Envmt Med 53:27-34 Jan '82
- The prevalence of visual deficiencies among 1979 general aviation accident airmen. J.R. Dille and C.F.Booze, Jr. tabs Aviation, Space & Envmt Med 53:179-182 Feb '82
- Reporting intercommand air refueling mishaps. TIG Brief 34:20 Jan 22 '82
- Thunderbird accident cause -- stabilizerrelated, not pilot. illus AF Times 42:23 Apr 12 '82
- Wire strikes--we're not alone. illus USA Avn Dig 27:20-23 Dec '81

#### Investigations - Cont'd

#### History

The historical background to aerospace pathology. I.R.Hill. tab Aviation, Space & Envmt Med 53:1-5 Jan '82

#### Statistics

- Black September (nine operations-related mishaps). Maj John E.Richardson. illus Flying Safety 38:2-3 Sep '82
- The fighters (aircraft mishap data). Maj Bruce Cox and others. illus tabs Flying Safety 38:8-17 Apr '82
- The heavies (aircraft mishap data). Maj John J.Colsch. illus tabs Flying Safety 38:19-29 Apr '82
- How it went (flight safety). Capt Mike Malone. illus tabs Flying Safety 38:2-3 Aug '82
- 1981 mishap statistics--a good year for MAC. tabs MAC Flyer 29:8-9 Apr '82
- 1982 aircraft mishap forecast: The way it will be? LtCol John R.Alberts. tabs Flying Safety 38:3-4 Apr '82
- 1982 forecast by aircraft and mishap category. LtCol John R.Alberts. illus tabs Flying Safety 38:22-24 May '82
- 1982: The year of the Air Force professional. LtGen Howard W.Leaf. TIG Brief 34:2 Mar 19
- Professionalism and the FY 82 aircraft accident record. Col Joseph R.Koehler. tab illus USA Avn Dig 28:14-17 Nov '82
- Single vs twin engine fighter/attack. LtCol John R.Alberts. illus tabs Flying Safety 38:4 Aug '82
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- Ups and downs (in the flight safety arena). LtCol John R.Alberts. illus tabs Flying Safety 38:5-7 Apr '82

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B-52 operations in . . . Bright Star Maj David A.Dick, illus Combat Crew 32:14-17 Sep '82

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- When only the best will do. Roy Braybrook. illus Pac Def Rep 9:17-18+ Oct '82

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Freedom Fighter

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<u>Galaxy</u>

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<u>Harrier</u>

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Hornet

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<u>Hustler</u>

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<u>Stratofortress</u>

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Appropriations and Expenditures--Armed
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C A P see Civil Air Patrol

C A T (Clear Air Turbulence) see Turbulence

C B W see Chemical-Biological Warfare

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Gas Turbines
Jet Engines
also subdivision Engines under specific
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Airplanes, Fighter--Engines
Airplanes, Military--Engines
Airplanes, V/STOL--Engines

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<u>See also</u> Airmen Noncommissioned Officers Soldiers

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How Services compare in rate of advancement. tabs AF Times 42:4 May 10 '82

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Reenlistment

#### ENTEBBE RAID, 1976

Operation Jonathan: The rescue at Entebbe. LtCol Jonathan (Yoni) Netanyahu. Interview. maps Mil Rev 62:2-23 Jul '82

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#### EQUIPMENT - Continued

# <u>Laws\_and\_Regulations</u>

Ecology and the military overseas. LCDR
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#### ENVIRONMENTAL PROTECTION AGENCY

EPA automates R&D management on a budget responsive basis. Govt Exec 14:58 Mar-Apr '82

#### ENVIRONMENTAL PROTECTION RESEARCH

<u>See also</u> related subjects, e.g., Clothing, Protective Desert Operations

EQUAL EMPLOYMENT OPPORTUNITY see Equal Opportunity

#### EQUAL OPPORTUNITY

New regulation (AFR 40-1613) on discrimination complaints. TIG Brief 33:10 Dec 18 '81; Correction. 34:9 Jan 22 '82

Sexual harassment: A detriment to the mission. TIG Brief 34:6 Jun 25 '82

#### EQUIPMENT

<u>See also</u> subdivision Equipment under specific subjects, e.g., Airplanes, Military--Equipment

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# Armed Forces--India

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Severe service requires strenuous shock/ vibration testing. Chet Gilbert and Herb LeKuch. illus tabs Mil Elect/Countermeasures 8:34+ Nov '82

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- Self and like vehicle recovery. SSgt Louis Bailey. illus Army Log 14:14-16 May-Jun '82

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The idea factory (High Technology Test Bed, Ft. Lewis, WA). SP5 Bill Branley. illus Soldiers 37:23-25 Mar '82

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Marine Corps -- in crisis or conflict, ready to respond. Gen Robert H. Barrow. illus Defense/82, pp 18-23, Apr '82

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#### National\_Guard--Armed Forces--U.S.

- More than a 'come as you are' war. (Providing the Reserve forces with equipment that is identical to that furnished the active forces) CAPT Paul E.Smith. illus Natl Guard 36:28-30 Feb '82
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- Extending the horizon. Norman Polmar. illus US Nav Inst Proc 108:121-124 Dec '82
- An interview with Admiral (James D.) Watkins. James D.Hessman and Vincent C.Thomas, Jr. Interview. illus por Sea Power 25:22+ Oct '82
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Reserve Forces -- Armed Forces -- U.S.

- Combat commanders must have best. (Excerpts from presentation, ROA Mid-Winter Meeting, Washington) LtGen Robert C.Kingston. illus Officer 58:14-16 May '82
- We must have broader idea of requirements. Edward J.Philbin. illus Officer 58:20-22 May '82
- Without this equipment how can we be C-1? Excerpted from DOD annual report on the status of National Guard and reserve component equipment. illus Natl Guard 36:9-13 Jun '82

#### Reserve Forces -- Army -- U.S.

Equipping the total force. LtGen Richard H. Thompson and Maj William R.Johnson. illus tabs Army Log 14:2-7 Nov-Dec '82

### EQUIPMENT CONVERSION

This heading is used for re-equipping units with new or different equipment.

# National Guard -- Air Force

Conversion means learning a new flying system. illus Natl Guard 36:24-26 Jun '82

#### National Guard -- Army

- Fully modernized Cobras in the National Guard. LtCol Jerold J.Jensen. USA Avn Dig 28:24-25 Jan '82
- M-60A3 tanks, ITVs roll out for the Army Guard. illus Natl Guard 36:20-22 Oct '82

ESCAPE AND EVASION see Evasion and Escape

# ESCAPE EQUIPMENT

See also Ejection Equipment

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The U.S. Army training system and the modern battlefield. LtCol Franklin Y.Hartline. illus Mil Rev 62:2-11 Feb '82

#### ESTIMATE OF THE SITUATION

Spectrum monopoly matrix (used to analyze and evaluate the effectiveness of integrated air defense). Fred Duncan. illus Air Def Mag, pp 30-33, Oct-Dec '81

#### ETHICS

<u>See\_also</u> War--Ethical Aspects

- The companies of the damned. John M.Curran. illus Army 32:54-57+ Feb '82
- Competence as an ethical imperative. Lewis Sorley. illus Army 32:42-48 Aug '82
- Conflict of interest: Rules for retirees. Kathleen A.Buck. Defense/82, pp 12-15, Jan '82
- A crisis in self-image: The role of the military in American culture. Donald Atwell Zoll. Parameters 12:24-31 Dec '82
- The ethical charge to counsel. Capt Alan J. Spilker. AF Law Rev 22:101-119 '80/'81
- Malpractice and the military lawyer: The gathering storm. Col Robert G.Douglass. AF Law Rev 22, No.1:1-19 '80/'81
- A matter of trust. Ch(Co1) Morris J.Holtzclaw. TIG Brief  $34\!:\!1\text{--}2$  Sep 13 '82
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# Strategic Importance

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#### EUROPE, WESTERN

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EUROPEAN COMMAND, ALLIED see Allied Command Europe

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#### EVALUATION (EDUCATION)

The economic evaluation of military training programs. Peter G.Sassone. illus tabs Def Mgt J 18:38-42 Fourth Quarter '82

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Victory in air-to-air combat, the Marine Corps way. Betty J.Goodson. illus USA Avn Dig 28:2-7 Jul '82 EWELL, Julian J.

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EXCHANGE PROGRAMS, MILITARY

 $\frac{\text{See also}}{\text{Allied Military in the U.S.}}$ 

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Arbitration case perils BX profits for MWR. AF Times 42.5 Jan 4 '82

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#### Alloy Express

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#### Blue Flag

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# Bold\_Eagle

Bold Eagle 82. illus Sergeants 20:24-25 Mar '82

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#### Border\_Star

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Sudanese wait for West Virginians at the Nile junction. illus Natl Guard 36:20-23 May '82

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1981 in review (Military Traffic Management Command). Maj Warren C.Decker. illus Translog 13:2-4 Feb '82

Stage set for COREX 82. Peter H.Shugert. illus Translog 13:1-3 Jul '82

#### Condor\_CRTE

Pickup & delivery (Condor CRTE '82, exercise dedicated solely to combat rescue training). MSgt Ed Martins. illus Air Reservist 34:16-19 Jul-Aug '82

The total force--Condor CRTE '82: Training for combat saves. William P.Schlitz. illus AF Mag 65:62-70 Oct '82

What saving is all about (Reservists hold Rescue and Recovery exercise in Michigan). SSgt Jim Katzaman. illus Airman 26:42-48 Oct '82

#### Condor Redoubt

Redoubt recall. (Air Reserve Personnel Center practices the recall of Reservists) LtCol Garry Mitchelmore. illus Airman 26:40-41 Apr '82

#### Coronet Cruise

Coronet Cruise: Sink the ships without seeing them. Maj Kirk McManus. illus Natl Guard 36:29-30 Mar '82

# Desert\_Horse

'Desert Horse' logistics. Maj John M.Taylor and Col Eddie B.Ladd. illus Army Log 14: 8-11 Mar-Apr '82

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Dragon Team 3-82: Trial swing of the RDF's heavy punch. Capt Daniel P.Bolger. illus map Army 32:14-20 Sep '82

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FUELEX games oil crunch in a crisis. illus Defense/82, pp 22, Mar '82

# Gallant Eagle

Drop at dawn: Gallant Eagle 82--a "total force" effort. Capt Gale E.Clouse, Jr. illus MAC Flyer 29:20-23 Jul '82

Gallant Eagle '82: The MAC mission. Capt Phil Lacombe. illus AF Mag 65:90-94 Jul '82

Gallant Eagle 82--total Army logistics. tab Log Spectrum 16:30-32 Fall '82

The National Guard at Gallant Eagle '82. illus Natl Guard 36:26-27+ Sep '82

#### EXERCISE - Continued

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Exercise Kangaroo 81. Brig P.J.Greville. map illus Pac Def Rep 8:10+ Dec '81/Jan '82

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#### Northern Wedding

Northern wedding--the alliance displays its determination to maintain the flanks.
Desmond Wettern. illus Sea Power 25:21-22+ Dec '82

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Communications Equipment--Exhibitions
Equipment--Armed Forces--Egypt--Exhibitions
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## EXPLOSIVE ORDNANCE DISPOSAL

Can we survive and win? James R.Van Orman and Clarence E.Langford. illus tab AF Engrg & Svcs Qtr 23:14-18 Spring '82

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<u>See also</u> Children, Military Wives, Military

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- Bill would restore Social Security \$\$ to military kin. Martha Lynn Craver. AF Times 42:7 Jun 14 '82
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FIGHTER WEAPONS AND GUNNERY MEETS

#### Air Force

Gunsmoke (tactical air-to-surface gunnery meet, Nellis AFB, NV, 1981). SMSgt Jim Caldwell. illus tabs Airman 26:2-7 Apr '82

#### FILTERS AND FILTRATION

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#### FINANCE

See also Auditing

Air Force--U.S.

 $\frac{See \ also}{Force \ Accounting \ and \ Finance \ Center}$ 

Air Force Comptroller Management Engineering Team. Regular feature in issues of <u>Air</u> <u>Force Comptroller</u>

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Challenges to financial management in the next decade. BrigGen D.Lynn Rans. tabs Armed Forces Compt 27:4-8 Fall '82

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- Here is entered material on the control of weapon fire. For control of forest, house and similar fires see Fires and Fire Prevention.
- AWG-9 (weapons control system) delivers punch for Tomcat. Claudette Olson. illus Asian Def J No.6:94+ Jun '82
- Artillery fire control systems. Federico G.C. Landaburu. illus Mil Tech 6:61-62+ Nov '82
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- Standard prepare-to-fire checks. LtCol Lemos L.Fulmer and others. Armor 91:35-37 Nov-Dec '82
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#### FIREPOWER

- ANGLICO (Air and Naval Gunfire Liaison Company). Maj William R.Jones. Infantry 72:9-10 May-Jun '82
- New weapon technology and sortie-effectiveness: Another way to calculate combat power. LtCol Heinrich J.Schepke. illus tabs Jt Persp 2:3-13 Spring '82
- Uneasiness about technological progress in the armed forces. Col Ruprecht Haasler and LtCol Hans Goebel. illus Mil Rev 62:62-72 Oct '82

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- <u>See also</u> subdivision under specific subjects, e.g.,
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- Flightline fuel spills. TIG Brief 34:9-10 May 14 '82
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#### United States

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# FLEET SATELLITE COMMUNICATIONS SYSTEM

The Air Force satellite systems. Capt Phil Lacombe. illus AF Mag 65:52-55+ Jun '82

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The U.S. Fleet Satellite Communications (FLTSATCOM) System: The Australian connection. Desmond Ball. illus map Pac Def Rep 8:30-33 Feb '82

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# FLIGHT, LOW-ALTITUDE

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FAC (Forward Air Controller) air-to-air. Capt Alex Gimarc and others. illus USAF Ftr Wpns Rev, pp 8-13, Winter '81

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Your computer flight plan can tell you about the . . . changes in the wind. Capt Gale E. Clouse, Jr. illus MAC Flyer 29:8-11 Jun '82

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See OH-58

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INDUSTRIAL MOBILIZATION see Mobilization, Industrial

# INDUSTRIAL PLANNING

See also Industry and Defense

INDUSTRIAL RELATIONS see Labor-Management Relations

#### INDUSTRY

See also
Mobilization, Industrial
also specific kinds of Industry, e.g.,
Aerospace Industry and Trade
Aircraft Industry and Trade
Arms Industry and Trade
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MILITARY RESEARCH\_see Research and Development

<u>also</u> specific kinds of research, e.g., Space Research

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## MILITARY SEALIFT COMMAND

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S A C see Strategic Air Command

S A C E U R see Allied Command Europe

S A C L A N T see Allied Command Atlantic

S A L T see Arms Control

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S T A R T see Arms Control

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Missiles--Safety Measures
Nuclear Weapons--Safety Measures
Ordnance--Safety Measures

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